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UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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EXAMINER
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ART UNIT	PAPER NUMBER
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Please find below and/or attached an Office communication concerning this application or proceeding.

PTO-90C (Rev. 10/03)

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE _3_ MONTH(S) FROM
THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed
  after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
  Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any
  earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) ☐ Responsive to communication(s) filed on _____ .
2a) ☒ This action is **FINAL**.   2b) ☐ This action is non-final.
3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is
   closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) ☒ Claim(s) _19 - 50_ is/are pending in the application.
   4a) Of the above claim(s) _____ is/are withdrawn from consideration.
5) ☐ Claim(s) _____ is/are allowed.
6) ☒ Claim(s) _19 - 50_ is/are rejected.
7) ☐ Claim(s) _____ is/are objected to.
8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) ☐ The specification is objected to by the Examiner.
10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
    a) ☐ All b) ☐ Some * c) ☐ None of:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. _____ .
    3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage
       application from the International Bureau (PCT Rule 17.2(a)).
    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
   Paper No(s)/Mail Date _10_.

4) ☐ Interview Summary (PTO-413)
   Paper No(s)/Mail Date. _____ .
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: _____ .

DETAILED ACTION

Response to Arguments

1.   Applicant's arguments, see amendment filed April 5, 2004 with respect to the rejection(s)of claim(s) 1 – 3, 7, and 9 - 11 under 35 U.S.C. 102(e) as being anticipated by Kawaguchi (2002/0037736) have been fully considered and are persuasive. Therefore, the rejection has been withdrawn. However, upon further consideration, a new ground(s) of rejection is made in view of an updated search.

Applicant's arguments filed April 5, 2004 with respect to the rejection(s)of claim(s) 4 – 6 and 12 - 17 under 35 U.S.C. 103(a) as being unpatentable over Kawaguchi (2002/0037736) in view of Callaway (6,275,500) have been fully considered but they are not persuasive. Kawaguchi and Callaway both disclose a Bluetooth system. Callaway also teaches a master/slave configuration as well as a scanning or polling function. It is well established in the art that Bluetooth systems require a master/slave configuration and that said Bluetooth systems require polling or scanning thus one of ordinary skill in the art would be motivated to modify the Bluetooth system of Kawaguchi with the master/slave configuration and polling method of the Bluetooth system of Callaway for the purpose of satisfying said requirements.

Claim Rejections - 35 USC § 103

2.   The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

3.   Claims 19 – 21, 25 – 28, 36 – 39, 42 – 43, 45 – 46, and 48 – 49 are rejected under 35 U.S.C. 103(a) as being unpatentable over Beck et al. (US 6,604,140) in view of Kawaguchi et al. (US 2002/0037736).

Regarding Claim 19, Beck teaches a wireless communication system, comprising: a plurality of wireless terminals, individual wireless terminals performing at least one function in addition to performing wireless communication with each other, which is common to the individual terminals (Figure 1, Column 3 lines 41 – 43, Column 3 lines 52 – 53, Column 4 lines 6 – 13, Column 4 lines 61 – 63, the mobile devices can perform the function of advertising services and using services), and performing at least one function which is not common to individual wireless terminals (Column 4 lines 63 – 67, Column 5 lines 1 – 22, Column 5 lines 38 – 60, the mobile devices (service users) can access other needed services, that said service users do not possess, by communicating with other mobile devices (service advertisers) that have said services via an ad hoc network, this means that said service advertisers possess additional functionalities that said service users do not possess); and the terminals sharing the at least one function which is not common to each of the wireless terminals so that a total number of functions available to be performed by the individual terminals, in addition to performing the wireless communication with each other, is greater than a total number of functions available to be performed by the individual terminals when the individual

terminals are not in communication with one another (Column 4 lines 63 – 67, Column 5 lines 1 – 22, Column 5 lines 38 – 60, the mobile devices (service users) can access other needed services, that said service users do not possess, by communicating with other mobile devices (service advertisers) that have said services via an ad hoc network, said service users will therefore have access to a greater number of services thus expanding their functionality).

Beck does not specifically teach the terminals being in wireless communication with each other to form a group there-between.

Kawaguchi teaches the terminals being in wireless communication with each other to form a group there-between (Section 0006 lines 1 – 4).

Beck and Kawaguchi both teach an ad hoc network that uses the Bluetooth protocol thus it would have been obvious to one of ordinary skill in the art at the time the invention was made to use the group communication method taught in Kawaguchi in the ad hoc network of Beck for the purpose of enabling each mobile device to autonomously identify other mobile devices so as to build up a flexible communication network.

Regarding Claim 20, Beck in view of Kawaguchi teaches all of the claimed limitations recited in Claim 19. Beck further teaches wherein the wireless communication is by a low power radio frequency link (Column 3 lines 52 – 53, a Bluetooth network comprises low power radio frequency links).

Regarding Claim 21, Beck in view of Kawaguchi teaches all of the claimed limitations recited in Claim 19. Beck further teaches wherein one of the at least one

additional function of the group of terminals is a software application (Column 5 lines 38 – 64, the additional services are software applications).

Regarding Claim 25, Beck in view of Kawaguchi teaches all of the claimed limitations recited in Claim 19. Beck further teaches wherein at least one additional function becomes available only when there is a minimum number of the plurality of wireless terminals (Column 4 lines 6 – 9, Column 4 lines 63 – 67, Column 5 lines 1 – 22, Column 5 lines 38 – 60, the mobile devices (service users) can access other needed services, that said service users do not possess, by communicating with other mobile devices (service advertisers) that have said services via an ad hoc network, said service users will therefore have access to a greater number of services thus expanding their functionality, the number of mobile devices can be any number thus there can be a minimum number of said mobile devices).

Regarding Claim 26, Beck in view of Kawaguchi teaches all of the claimed limitations recited in Claim 19. Beck further teaches wherein at least one additional function becomes available and is available for a single terminal of the group after having been a member of the group (Column 4 lines 63 – 67, Column 5 lines 1 – 22, Column 5 lines 38 – 60, the mobile devices (service users) can access other needed services, that said service users do not possess, by communicating with other mobile devices (service advertisers) that have said services via an ad hoc network, said service users will therefore have access to a greater number of services after having communicated with said service advertisers thus expanding their functionality).

Regarding Claim 27, Beck teaches in a wireless communication system including

a plurality of wireless terminals in wireless communication, at least one function, in

addition to performing the wireless communication with other terminals, wherein the at

least one function is commonly performed by individual wireless terminals (Figure 1,

Column 3 lines 41 – 43, Column 3 lines 52 – 53, Column 4 lines 6 – 13, Column 4 lines

61 – 63, the mobile devices can perform the function of advertising services and using

services); and at least one additional function, which is not common to the individual

wireless terminals and is shared while individual terminals are in communication with

one another so that the individual wireless terminals have availability to perform a

greater number of functions, in addition to performing wireless communication, than the

individual wireless terminals have while not in communication with one another (Column

4 lines 63 – 67, Column 5 lines 1 – 22, Column 5 lines 38 – 60, the mobile devices

(service users) can access other needed services, that said service users do not

possess, by communicating with other mobile devices (service advertisers) that have

said services via an ad hoc network, said service users will therefore have access to a

greater number of services thus expanding their functionality).

Beck does not teach a wireless terminal comprising: a transmitter; a receiver; a

communication device for handling transmitted and received wireless messages

respectively transmitted by the transmitter and received by the receiver and a group of

terminals.

Kawaguchi teaches a wireless terminal comprising: a transmitter; a receiver; a

communication device for handling transmitted and received wireless messages

respectively transmitted by the transmitter and received by the receiver (Figure 2,

Sections 0041 – 0043) and a group of terminals (Section 0006 lines 1 – 4).

Beck and Kawaguchi both teach an ad hoc network that uses the Bluetooth

protocol thus it would have been obvious to one of ordinary skill in the art at the time the

invention was made to use the group communication method and wireless terminal

taught in Kawaguchi in the ad hoc network of Beck for the purposes of enabling each

mobile device to autonomously identify other mobile devices so as to build up a flexible

communication network and creating a mobile device that satisfies the Bluetooth

protocol.

Regarding Claim 28, Beck in view of Kawaguchi teaches all of the claimed

limitations recited in Claim 27. Beck further teaches wherein one of the at least one

additional function of the group of terminals is a software application (Column 5 lines 38

– 64, the additional services are software applications).

Regarding Claim 36, Beck in view of Kawaguchi teaches all of the claimed

limitations recited in Claim 19. Kawaguchi further teaches information is exchanged in

the group which is used by the group to determine if an individual wireless terminal

belongs in the group of wireless terminals (Figure 5, Section 0053 lines 6 – 12, the

mobile terminals must register in order to participate in the group, which means that

said mobile terminals must have registration information such as group identifier and

terminal list address, if said mobile terminals do not have said registration information

they do not belong to the group).

Regarding Claim 37, Beck in view of Kawaguchi teaches all of the claimed limitations recited in Claim 19. Kawaguchi further teaches the group has rules which control use of information by the group (Section 0047 lines 8 – 17, Section 0053 lines 6 – 12, encryption and registration are the rules, each mobile device that will participate in the group must use an encryption key and distribute a decryption key in order to participate in said group, each mobile device that will participate in the group must register).

Regarding Claim 38, Beck in view of Kawaguchi teaches all of the claimed limitations recited in Claim 27. Kawaguchi further teaches information is exchanged in the group which is used by the group to determine if an individual wireless terminal belongs in the group of wireless terminals (Figure 5, Section 0053 lines 6 – 12, the mobile terminals must register in order to participate in the group, which means that said mobile terminals must have registration information such as group identifier and terminal list address, if said mobile terminals do not have said registration information they do not belong to the group).

Regarding Claim 39, Beck in view of Kawaguchi teaches all of the claimed limitations recited in Claim 27. Kawaguchi further teaches the group has rules which control use of information by the group (Section 0047 lines 8 – 17, Section 0053 lines 6 – 12, encryption and registration are the rules, each mobile device that will participate in the group must use an encryption key and distribute a decryption key in order to participate in said group, each mobile device that will participate in the group must register).

Regarding Claim 42, Beck in view of Kawaguchi teaches all of the claimed limitations recited in Claim 19. Beck further teaches the terminals use the at least one common function and the al least one function which is not common to interact to perform a common application (Column 5 lines 38 – 67, Column 6 lines 1 – 2, Column 6 lines 29 – 40, the client software, which performs the function of using services, will interact with or use the new service, which is an uncommon function, the use of said new service is the common application).

Regarding Claim 43, Beck in view of Kawaguchi teaches all of the claimed limitations recited in Claim 27. Beck further teaches the terminals use the at least one common function and the al least one function which is not common to interact to perform a common application (Column 5 lines 38 – 67, Column 6 lines 1 – 2, Column 6 lines 29 – 40, the client software, which performs the function of using services, will interact with or use the new service, which is an uncommon function, the use of said new service is the common application).

Regarding Claim 45, Beck in view of Kawaguchi teaches all of the claimed limitations recited in Claim 19. Beck further teaches the at least one common function and the at least one function which is not common are a set of functions which are shared while in the group (Column 4 lines 61 – 63, Column 5 lines 38 – 67, Column 6 lines 1 – 2, Column 6 lines 29 – 40, the client software of the requesting mobile devices (service users) will interact with the new services of other mobile devices (service advertisers) thus said client software and said new services will be shared amongst said mobile devices).

Regarding Claim 46, Beck in view of Kawaguchi teaches all of the claimed limitations recited in Claim 27. Beck further teaches the at least one common function and the at least one function which is not common are a set of functions which are shared while in the group (Column 4 lines 61 – 63, Column 5 lines 38 – 67, Column 6 lines 1 – 2, Column 6 lines 29 – 40, the client software of the requesting mobile devices (service users) will interact with the new services of other mobile devices (service advertisers) thus said client software and said new services will be shared amongst said mobile devices).

Regarding Claim 48, Beck in view of Kawaguchi teaches all of the claimed limitations recited in Claim 42. Beck further teaches the at least one common function and the at least one function which is not common are a set of functions which are shared while in the group (Column 4 lines 61 – 63, Column 5 lines 38 – 67, Column 6 lines 1 – 2, Column 6 lines 29 – 40, the client software of the requesting mobile devices (service users) will interact with the new services of other mobile devices (service advertisers) thus said client software and said new services will be shared amongst said mobile devices).

Regarding Claim 49, Beck in view of Kawaguchi teaches all of the claimed limitations recited in Claim 43. Beck further teaches the at least one common function and the at least one function which is not common are a set of functions which are shared while in the group (Column 4 lines 61 – 63, Column 5 lines 38 – 67, Column 6 lines 1 – 2, Column 6 lines 29 – 40, the client software of the requesting mobile devices (service users) will interact with the new services of other mobile devices (service

advertisers) thus said client software and said new services will be shared amongst said mobile devices).

4.   Claims 22 - 24 are rejected under 35 U.S.C. 103(a) as being unpatentable over Beck et al. (US 6,604,140) in view of Kawaguchi et al. (US 2002/0037736) as applied to claim 19 above, and further in view of Callaway, Jr. et al. (US 6,275,500).

Regarding Claim 22, Beck in view of Kawaguchi teaches all of the claimed limitations recited in Claim 19. Beck in view of Kawaguchi does not specifically teach wherein the group includes a minimum of two and a maximum of seven terminals.

Callaway teaches wherein the group includes a minimum of two and a maximum of seven terminals (Figure 2, Column 2 lines 65 – 67, Column 3 lines 1 – 2, this is a Bluetooth system which means that there will be one master with a maximum number of slaves (7) and a minimum number of slaves (2)).

Beck in view of Kawaguchi and Callaway teach a wireless system that uses the Bluetooth protocol, which has master/slave requirements, thus it would have been obvious to one of ordinary skill in the art at the time the invention was made to use the master/slave configuration taught above in Callaway in the Bluetooth system of Beck in view of Kawaguchi for the purpose of satisfying said master/slave requirements.

Regarding Claim 23, Beck in view of Kawaguchi teaches all of the claimed limitations recited in Claim 19. Beck in view of Kawaguchi does not specifically teach wherein the group is established by one terminal of the plurality of wireless terminals

becoming a master, which scans by wireless communication to locate other of the plurality of wireless terminals to join the group as slaves.

Callaway teaches wherein the group is established by one terminal of the plurality of wireless terminals becoming a master, which scans by wireless communication to locate other of the plurality of wireless terminals to join the group as slaves (Column 2 lines 65 – 67, Column 3 lines 1 – 2, the polling is the scanning).

Beck in view of Kawaguchi and Callaway teach a wireless system that uses the Bluetooth protocol, which requires the master to poll the slaves, thus it would have been obvious to one of ordinary skill in the art at the time the invention was made to use the polling method taught above in Callaway in the Bluetooth system of Beck in view of Kawaguchi for the purpose of satisfying said polling requirements.

Regarding Claim 24, Beck in view of Kawaguchi and in further view of Callaway teaches all of the claimed limitations recited in Claim 23. Kawaguchi further teaches wherein at least one terminal of the group may be removed from the group by a remainder of terminals of the group (Section 0051).

5.   Claims 29 – 35, 40 – 41, 44, 47, and 50 are rejected under 35 U.S.C. 103(a) as being unpatentable over Beck et al. (US 6,604,140) in view of Kawaguchi et al. (US 2002/0037736) and in further view of Callaway, Jr. et al. (US 6,275,500).

Regarding Claim 29, Beck teaches individual wireless terminals performing at least one function while in communication with one another, in addition to performing wireless communication, wherein the at least one function is common to all wireless

terminals (Figure 1, Column 3 lines 41 – 43, Column 3 lines 52 – 53, Column 4 lines 6 –

13, Column 4 lines 61 – 63, the mobile devices can perform the function of advertising

services and using services); and at least one of the individual terminals performing at

least one additional function, which is not a function common to the individual terminals

and is shared with the individual wireless terminals (Column 4 lines 63 – 67, Column 5

lines 1 – 22, Column 5 lines 38 – 60, the mobile devices (service users) can access

other needed services, that said service users do not possess, by communicating with

other mobile devices (service advertisers) that have said services via an ad hoc

network, this means that said service advertisers possess additional functionalities that

said service users do not possess, said service users will therefore have access to a

greater number of services thus expanding their functionality).

Beck does not specifically teach a plurality of wireless terminals forming the

group which wirelessly communicate with each other; one of the wireless terminals of

the group being a master terminal which controls interactions between the plurality of

terminals of the group.

Kawaguchi teaches a plurality of wireless terminals forming the group which

wirelessly communicate with each other (Section 0006 lines 1 – 4).

Beck and Kawaguchi both teach an ad hoc network that uses the Bluetooth

protocol thus it would have been obvious to one of ordinary skill in the art at the time the

invention was made to use the group communication method taught in Kawaguchi in the

ad hoc network of Beck for the purpose of enabling each mobile device to

autonomously identify other mobile devices so as to build up a flexible communication network.

Beck in view of Kawaguchi does not specifically teach one of the wireless terminals of the group being a master terminal which controls interactions between the plurality of terminals of the group.

Callaway teaches one of the wireless terminals of the group being a master terminal which controls interactions between the plurality of terminals of the group (Column 2 lines 65 – 67, Column 3 lines 1 – 2).

Beck in view of Kawaguchi and Callaway teach a wireless system that uses the Bluetooth protocol, which has master/slave requirements, thus it would have been obvious to one of ordinary skill in the art at the time the invention was made to use the master/slave configuration taught above in Callaway in the Bluetooth system of Beck in view of Kawaguchi for the purpose of satisfying said master/slave requirements.

Regarding Claim 30, Beck in view of Kawaguchi and in further view of Callaway teaches all of the claimed limitations recited in Claim 29. Beck further teaches wherein the wireless communication link is a low power radio frequency (Column 3 lines 52 – 53, a Bluetooth network comprises low power radio frequency links).

Regarding Claim 31, Beck in view of Kawaguchi and in further view of Callaway teaches all of the claimed limitations recited in Claim 30. Beck further teaches wherein the additional function is a software application (Column 5 lines 38 – 64, the additional services are software applications).

Regarding Claim 32, Beck in view of Kawaguchi and in further view of Callaway teaches all of the claimed limitations recited in Claim 29. Callaway further teaches wherein the group includes a minimum of two and a maximum of seven terminals (Figure 2, Column 2 lines 65 – 67, Column 3 lines 1 – 2, this is a Bluetooth system which means that there will be one master with a maximum number of slaves (7) and a minimum number of slaves (2)).

Regarding Claim 33, Beck in view of Kawaguchi and in further view of Callaway teaches all of the claimed limitations recited in Claim 29. Kawaguchi further teaches wherein at least one wireless terminal in the group may be removed from the group by a remainder of terminals of the group (Section 0051).

Regarding Claim 34, Beck in view of Kawaguchi and in further view of Callaway teaches all of the claimed limitations recited in Claim 29. Beck further teaches wherein at least one additional function becomes available only when there is a minimum number of terminals (Column 4 lines 6 – 9, Column 4 lines 63 – 67, Column 5 lines 1 – 22, Column 5 lines 38 – 64, the mobile devices (service users) can access other needed services, that said service users do not possess, by communicating with other mobile devices (service advertisers) that have said services via an ad hoc network, said service users will therefore have access to a greater number of services thus expanding their functionality, the number of mobile devices can be any number thus there can be a minimum number of said mobile devices).

Regarding Claim 35, Beck in view of Kawaguchi and in further view of Callaway teaches all of the claimed limitations recited in Claim 29. Beck further teaches wherein

at least one additional function becomes available and is available for a single terminal

of the group after having been a member of the group (Column 4 lines 63 – 67, Column

5 lines 1 – 22, Column 5 lines 38 – 60, the mobile devices (service users) can access

other needed services, that said service users do not possess, by communicating with

other mobile devices (service advertisers) that have said services via an ad hoc

network, said service users will therefore have access to a greater number of services

after having communicated with said service advertisers thus expanding their

functionality).

Regarding Claim 40, Beck in view of Kawaguchi and in further view of Callaway

teaches all of the claimed limitations recited in Claim 29. Kawaguchi further teaches

information is exchanged in the group which is used by the group to determine if an

individual wireless terminal belongs in the group of wireless terminals (Figure 5, Section

0053 lines 6 – 12, the mobile terminals must register in order to participate in the group,

which means that said mobile terminals must have registration information such as

group identifier and terminal list address, if said mobile terminals do not have said

registration information they do not belong to the group).

Regarding Claim 41, Beck in view of Kawaguchi and in further view of Callaway

teaches all of the claimed limitations recited in Claim 29. Kawaguchi further teaches the

group has rules which control use of information by the group (Section 0047 lines 8 –

17, Section 0053 lines 6 – 12, encryption and registration are the rules, each mobile

device that will participate in the group must use an encryption key and distribute a

decryption key in order to participate in said group, each mobile device that will

participate in the group must register).

Regarding Claim 44, Beck in view of Kawaguchi and in further view of Callaway

teaches all of the claimed limitations recited in Claim 29. Beck further teaches the

terminals use the at least one common function and the al least one function which is

not common to interact to perform a common application (Column 5 lines 38 – 67,

Column 6 lines 1 – 2, Column 6 lines 29 – 40, the client software, which performs the

function of using services, will interact with or use the new service, which is an

uncommon function, the use of said new service is the common application).

Regarding Claim 47, Beck in view of Kawaguchi and in further view of Callaway

teaches all of the claimed limitations recited in Claim 29. Beck further teaches the at

least one common function and the at least one function which is not common are a set

of functions which are shared while in the group (Column 4 lines 61 – 63, Column 5

lines 38 – 67, Column 6 lines 1 – 2, Column 6 lines 29 – 40, the client software of the

requesting mobile devices (service users) will interact with the new services of other

mobile devices (service advertisers) thus said client software and said new services will

be shared amongst said mobile devices).

Regarding Claim 50, Beck in view of Kawaguchi and in further view of Callaway

teaches all of the claimed limitations recited in Claim 44. Beck further teaches the at

least one common function and the at least one function which is not common are a set

of functions which are shared while in the group (Column 4 lines 61 – 63, Column 5

lines 38 – 67, Column 6 lines 1 – 2, Column 6 lines 29 – 40, the client software of the

requesting mobile devices (service users) will interact with the new services of other

mobile devices (service advertisers) thus said client software and said new services will

be shared amongst said mobile devices).

Conclusion

6.   Applicant's amendment necessitated the new ground(s) of rejection presented in

this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP

§ 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37

CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE

MONTHS from the mailing date of this action. In the event a first reply is filed within

TWO MONTHS of the mailing date of this final action and the advisory action is not

mailed until after the end of the THREE-MONTH shortened statutory period, then the

shortened statutory period will expire on the date the advisory action is mailed, and any

extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of

the advisory action. In no event, however, will the statutory period for reply expire later

than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication should be directed to Raymond S.

Dean at telephone number (703) 305-8998.

If attempts to reach examiner by telephone are unsuccessful, the examiner's supervisor,

Nay Maung, can be reached at (703) 308-7745. Any response to this action should be

mailed to:

Commissioner of Patents and Trademarks

Washington, D.C. 20231

Or faxed to:

(703) 872-9314 (for Technology center 2600 only)

Hand – delivered responses should be brought to Crystal Park II, 2121 Crystal Drive,

Arlington, VA, Sixth Floor (Receptionist). Any inquiry of a general nature or relating to

the status of this application or proceeding should be directed to the Technology Center

2600 Customer Service Office whose telephone number is (703) 306-0377
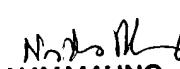
NAY MAUNG

SUPERVISORY PATENT EXAMINER